WHAT IS CLAIMED IS:

1. An IP packet priority control system comprising:

the Internet operating under program control;

a terminal, a server, and a router connected to said Internet; and

means for setting priority in an IP packet on a session-by-session basis,

wherein an IP packet is transmitted and received under priority control among said terminal, said server, and said router.

2. The IP packet priority control system according to claim 1, wherein said session comprises sessions of a voice call, image data, and a JAVA applet of a browser.

3. The IP packet priority control system according to claim 1, wherein the priority in said IP packet is set such that priority of control information of a voice call is high, priority of image data of a browser is low, and priority of a JAVA applet is intermediate between said control information and said image data.

4. The IP packet priority control system

according to claim 1, wherein said means for setting priority in an IP packet performs setting on a session-by-session basis in which a terminal or a server adds priority parameter passing to a standard API rather than on a port-by-port basis in which a router prioritizes control information with QoS control.

5. The IP packet priority control system according to claim 1, wherein said means for setting priority in an IP packet performs setting such that, in a terminal including an application layer, a SOCKET layer, a TCP/UDP layer, an IP layer, and an interface layer, said SOCKET adds priority parameter passing to a standard API for use on the Internet.

6. The IP packet priority control system according to claim 1, wherein said means for setting priority in an IP packet performs setting such that, in a server including an application layer, a SOCKET layer, a TCP/UDP layer, an IP layer, and an interface layer, said SOCKET adds priority parameter passing to a standard API for use on the Internet.